

FORM PTO-1449
AUG 1 2 2002

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Original)
172A 3244 PCT

Application Number
10/088,420

Applicant

Uchiyama et al.

Filing Date

3/13/2002

Group Art Unit

2817

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>n</i>	4,193,046	3/11/80	Chiba	331	109	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
nl	JP 54-183256	12/26/79	Japan	—	—	No
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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER

DATE CONSIDERED

6/30/2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
W	JP S54-023456	2/22/79	Japan	---	---	
W	JP S54-183256	12/26/79	Japan	---	---	
W	JP S61-287303	12/17/86	Japan	---	---	
W	JP S59-137611	9/13/84	Japan	---	---	
W	JP S59-075706	4/28/84	Japan	---	---	
W	JP S62-225004	10/3/87	Japan	---	---	
W	JP S59-214305	12/4/84	Japan	---	---	
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W	JP H2-277317	11/13/90	Japan	---	---	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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